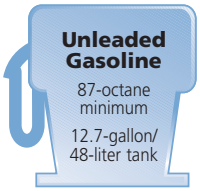
DRIVER ASSURANCE

Mazda Drivers Assurance Plan
Check out **www.mymazda.com,** the website dedicated to you. Manage your maintenance records, receive valuable offers, see the latest accessories, and much more!

Mazda Roadside Assistance
Exhilaration, liberation and inspiration, are great reasons to drive a Mazda car, truck, SUV or minivan. In addition to all the other great standard features, you also get peace of mind, our Emergency Roadside Assistance Plan, it's just a phone call away, 24 hours a day, 365 days a year, call **1-800-866-1998**

Mazda "bumper-to-bumper" Limited Warranty
We design and build every Mazda to give you driving pleasure now and far down the road. We're so confident in our quality that we cover the entire vehicle against defects in materials and workmanship for 48 months or 50,000 miles, whichever comes first

Mazda Service Transportation Solution
Being without your Mazda may put a crimp in your day, if you do ever have to take your Mazda in for repairs don't worry, you're covered. With the Mazda Transportation Solution, you will be given a loaner car at no charge when your Mazda vehicle is in for warranty repairs.
For all the details, see your Mazda Dealer



This Quick Tips® guide is provided by Mazda North American Operations to make your Mazda ownership experience more convenient. It is not intended to replace your Owner's Manual.

If you have any questions about your vehicle, you are invited to contact your local dealer. Or if you need additional help, feel free to call our

Customer Assistance Center at 1-800-222-5500
Monday through Friday,
9 a.m.-4:45 p.m., Pacific
9 a.m.-5:45 p.m., Eastern/Central

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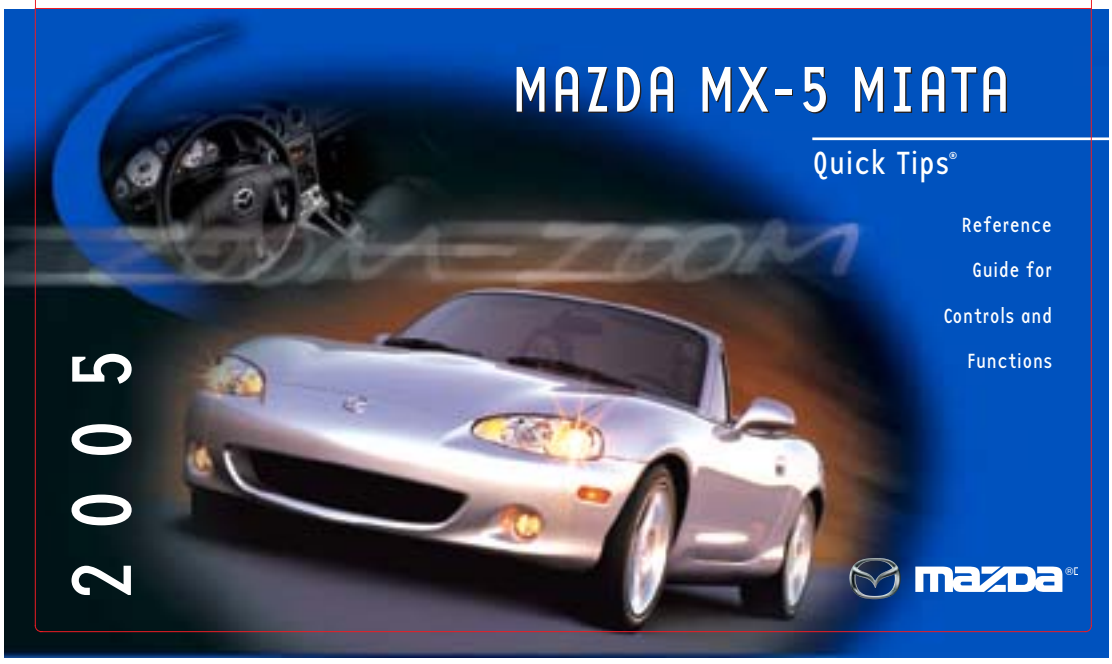
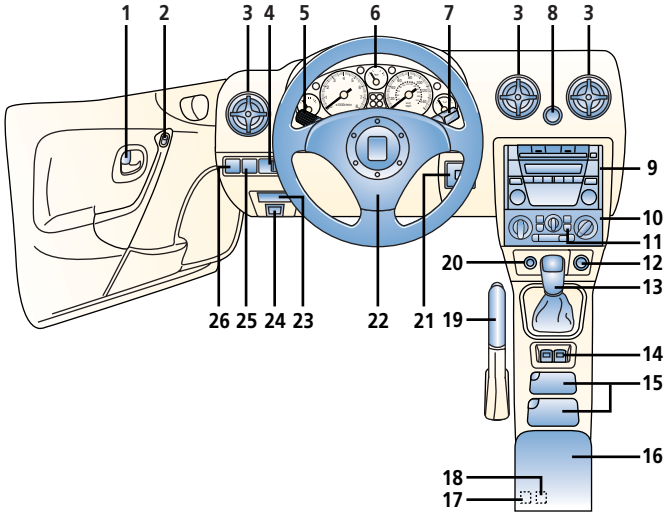


DRIVER'S VIEW



Getting Started

MX-5 Miata Quick Tips® are designed to quickly familiarize you with some important features of your MX-5 Miata

This Driver's View tab is your index to the Quick Tips®, locate the item you would like to learn more about and then turn to the listed tab

Be sure to see the tab called Getting Started, this section contains important operating tips about your MX-5 Miata

Items identified in blue text call out important information

1. **Manual door locks,** see Locks
2. **Power door locks*,** see Locks
3. **Air vents** Move vents to direct airflow
4. **Instrument panel lighting selector,** see Switches/Interior Lights
5. **Turn signal/lighting control lever,** see Driver Controls
6. **Instrument cluster,** see Instrument Cluster
7. **Wiper/washer lever,** see Driver Controls
   Cruise control* lever, see Getting Started
8. **Hazard warning switch** Press on/off
9. **Audio system,** see Audio Systems
10. **Climate control system,** see Climate Controls
11. **Rear window defogger switch** Press on/off
12. **Cigarette lighter**
13. **Gearshift lever,** see Transmission
14. **Power-window switches,** see Switches/Interior Lights
15. **Ashtray/cup holder**
16. **Center console,** see Center Console
17. **Fuel door release lever** Pull to open fuel door
18. **Remote trunk-lid release** Pull to open trunk
19. **Parking-brake lever,** see Center Console
20. **Passenger air bag deactivation switch,** see Getting Started
21. **Power outside mirror switch,** see Switches/Interior Lights
22. **Horn/air bag** Press for horn
23. **Fuse panel**
24. **Hood release handle** Pull to open partially
25. **Cruise control main switch*,** see Getting Started
26. **Fog light switch,** see Driver Controls

*Denotes optional equipment

Always check the Owner's Manual for more operating information and safety features

GETTING STARTED

MAZDASPEED MX-5 Turbocharging tips

Turbocharger design provides better operation and requires minimum additional maintenance

To get maximum performance from your turbocharged engine, take note of the following:

Use premium unleaded gasoline ONLY, extra fuel additives are NOT recommended

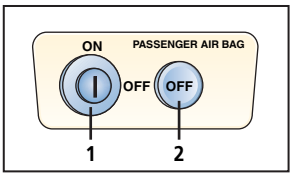
Change engine oil and filter using turbo engine interval outlined in the maintenance schedule

Use engine oil with API SL or ILSAC GF-3 service grade or higher, extra oil additives are NOT recommended

After driving at freeway speeds or up a long hill, idle engine at least 30 seconds to cool turbo, avoid shutting engine off abruptly after a hard or long drive, turbocharger damage may result otherwise

Do NOT race or over-rev ANY engine when starting, particularly a turbocharged engine

Do NOT add aftermarket devices to alter the engine's ignition, fuel delivery, or turbo boost pressure, this may lead to serious engine damage and void your warranty



Passenger's seat air bag deactivation switch†,

see Driver's View for switch location

Deactivate passenger's seat air bag when using a child-safety seat

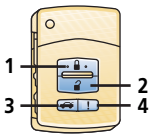
To deactivate/activate: Insert ignition key in switch (**1**), rotate to OFF/ON, remove key

Amber OFF light (**2**) illuminates when deactivated and ignition is on

Tip: Turn ignition off when disabling passenger front air bag

WARNINGS: When using a rear-facing infant-safety seat always set the passenger seat air bag deactivation switch to OFF position, an infant is in serious danger of being injured or killed if front passenger air bag is deployed

If you choose to install a forward-facing child-safety seat in the front seating position, move vehicle seat as far back as possible and set air bag deactivation switch to OFF position



Remote keyless entry system

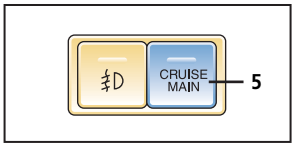
Functions only with ignition in OFF position

To lock doors: Press LOCK button (**1**); pressing again within 5 seconds causes doors to relock and horn to beep

To unlock: Press UNLOCK (**2**) for driver's door; press again within 5 seconds to unlock other door

To open trunk: Press (**3**)

Panic alarm: Press ! (**4**); horn sounds, hazard warning lights flash; to stop, press any remote button



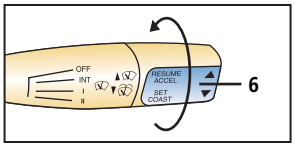
Cruise control*

Operates above 25 mph

Press CRUISE MAIN switch (**5**) to enable/disable

To set speed: Twist control knob (**6**) down toward SET/COAST▼ and release

To increase set speed: Twist control knob (**6**) up toward RESUME/ACCEL ▲ and release at desired speed



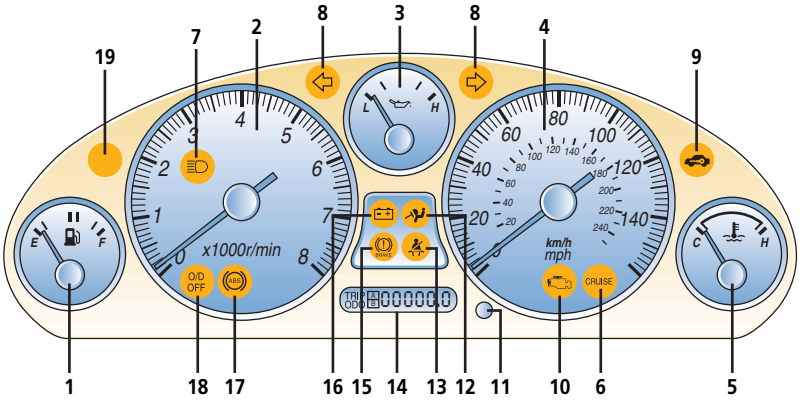
To decrease set speed: Twist control knob (**6**) down toward SET/COAST ▼ and release at desired speed

To cancel: Tap brake or clutch pedal (manual transmission) or press CRUISE MAIN switch (**5**)

*Denotes optional equipment

†For other rare circumstances when passenger air bag can be shut off, refer to NHTSA guidelines

INSTRUMENT CLUSTER



GAUGES

1. **Fuel gauge**
   12.7-gallon/48-liter tank
2. **Tachometer**
   Avoid red zone
3. **Engine oil pressure gauge**
   If outside normal range, stop vehicle safely and turn off engine, check oil level
4. **Speedometer**
5. **Coolant temperature gauge**
   If above normal range, stop vehicle safely and turn off engine; check coolant level when safe

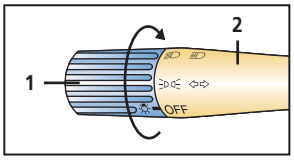
WARNING LIGHTS

6. CRUISE **Cruise control on***
   Lights when cruise control is set
7. **High beams on,** see Driver Controls
8. **Turn signal/hazard warning on**
9. **Immobilizer system on,** see Locks
10. **Check engine**
    Dealer inspection required
11. **Odometer/trip odometer selector**
    Press to select odometer or trip odometer A/B; press and hold to reset selected trip odometer
12. **Air bag readiness**
    If light flashes or stays on, the air bags may not operate in an accident; dealer inspection required
13. **Always fasten safety belts**
14. **Odometer/trip odometer display**
15. BRAKE **Brake system**
    Parking brake on/low brake fluid
16. **Charging system warning light**
    Possible alternator or charging system malfunction, dealer inspection required
17. ABS **Anti-lock Brake System (ABS)***
    Indicates ABS malfunction, dealer inspection required
18. O/D OFF **Overdrive off indicator (Automatic transmission)***
    Lights when the overdrive button is in the off position
19. **Low fuel indicator**

*Denotes optional equipment

Always check the Owner's Manual for more operating information and safety features

DRIVER CONTROLS



Turn signal/lighting control lever

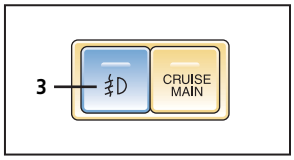
OFF = Lights off

= Tail, parking and dashboard lights on: Rotate knob to (**1**) first notch

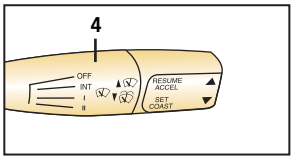
= Tail, parking, dashboard and headlights on: Rotate knob (**1**) to second notch

High beams on/off: Push lever (**2**) forward to detent/pull back

To flash high beams: Pull lever (**2**) toward you and release



Fog lights
Press (**3**) on/off; functions only with headlight low beams on

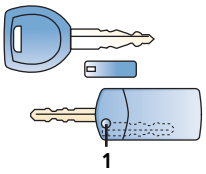


Windshield wiper/ washer lever

For slow/normal/fast wiper speeds: Push lever (**4**) down through detents

Single wipe: Set the wipers to OFF; push lever (**4**) forward

Wash and wipe: Pull lever (**4**) toward you and hold; washer and wipers will be activated until lever is released



Key/number plate
Operates ignition and all locks

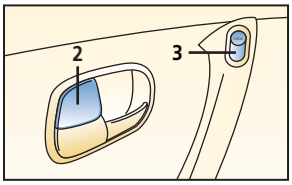
Retractable key
Unfold key: Press (**1**)

Fold key: Press (**1**) and rotate key into holder

Tip: Use key number plate to purchase a new key; store in a safe place separate from vehicle

Remote entry system,
see Getting Started

Immobilizer system
Prevents engine from running unless coded key used; see Owner's Manual



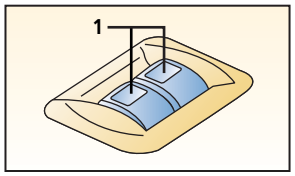
Manual door locks
To lock/unlock: Push button (**2**) into handle/pull toward you

Power door locks*
Both doors lock/unlock by using key in driver's door or by using driver's button (**3**)

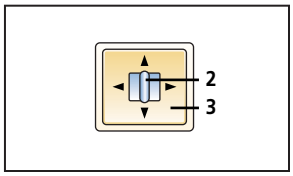
*Denotes optional equipment

Switches/
Interior Lights

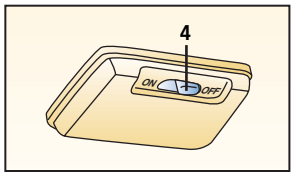
SWITCHES/INTERIOR LIGHTS



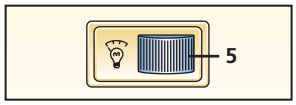
Power windows
Operate only with ignition on
To open/close: Push down/pull up front of switch (**1**)
Press driver window button down once for one touch auto down



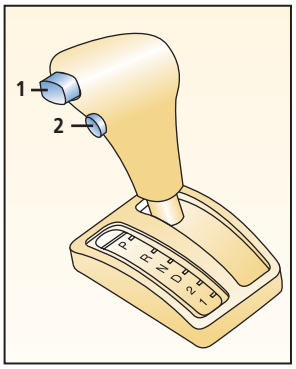
Dual power mirrors
Operate only with ignition on
To adjust left/right mirror: Push selector switch (**2**) left/right, press switch (**3**) in direction of desired movement



4. Dome light
On = Light always on
Off = Light always off
Center position = Light on when a door is open



5. Instrument panel lighting
To brighten/dim instrument panel lighting: Turn thumb-wheel right/left



Automatic transmission*
P = Park
To move gearshift from Park: Press firmly on brake pedal, then press release button (**1**) on gearshift
R = Reverse
Do not engage Reverse when vehicle is moving forward
N = Neutral
No gear engaged; vehicle can roll freely, even on a slight incline, unless the brakes are applied
Overdrive Switch
Press (**2**) to lockout/enable overdrive
D (Overdrive)
For normal driving: Shifts through four forward gears automatically

D (Overdrive Off)
Shifts through three forward gears automatically
Provides extra power and increased engine braking, stops 3rd-4th gear cycling in stop/go driving and on steep graded hills
2 = Second gear
Provides extra power and increased engine braking
Use to reduce wheel spin when starting on slippery surfaces
1 = First gear
Use for engine braking when second gear is not sufficient

5-speed

6-speed*

Manual transmission
Depress clutch pedal to start engine and change gears

Tip: Do not shift into 1st above 20 mph or clutch failure could occur

Tip: Resting your foot on the clutch pedal while driving and using the clutch to hold your vehicle at a standstill while waiting on a hill may reduce clutch life

*Denotes optional equipment

Always check the Owner's Manual for more operating information and safety features

Transmission

Seats

SEATS

Manual controls

1. **Fore-aft adjustment**
   Lift lever and hold, slide seat, release lever
2. **Safety belt buckle**
3. **Seatback angle**
   To adjust: Lift and hold lever, lean forward or backward, release lever

⚠ **WARNINGS: Do not adjust seats while driving**

Safety belts must always be worn when vehicle is in motion

All air bags are supplemental and do not replace safety belt usage

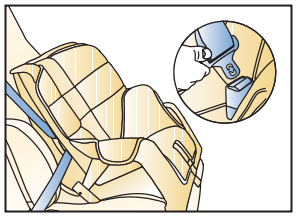
Always wear your safety belt and properly secure children

Safety belt emergency locking mode
Belts lock only on hard acceleration, braking, cornering or impacts of about 5 mph or more

Automatic locking mode (front passenger safety belt only)
Must be used when installing child-safety seat

To activate: Pull webbing fully out of retractor until click is heard; belt will only tighten

To disengage: Unbuckle belt and allow webbing to retract fully



Child-safety seat*
To install in passenger seat: Move seat as far back as possible; use dual locking mode retractor safety belt; see Owner's Manual for proper installation of child seat and LATCH system instructions

⚠ **WARNING: Use age appropriate child restraints, see Owner's Manual and state or province laws**

⚠ **WARNINGS: When using a rear-facing infant-safety seat always set the passenger seat air bag deactivation switch to OFF position, an infant is in serious danger of being injured or killed if front passenger air bag is deployed**

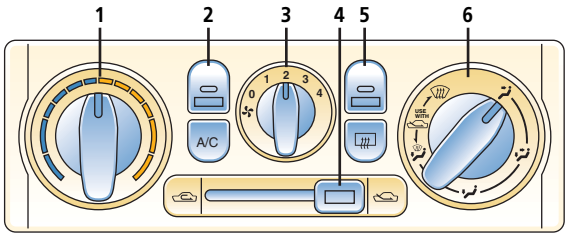
If you choose to install a forward-facing child-safety seat in the front seating position, move vehicle seat as far back as possible and set air bag deactivation switch to OFF position

*Denotes optional equipment

Always check the Owner's Manual for more operating information and safety features

Child Seats

CLIMATE CONTROLS



1. Temperature control
Rotate knob to blue for cool/red for warm

2. Air Conditioning
Press to turn on/off

Tip: Use A/C to dehumidify air

3. Fan control
Rotate knob to increase/decrease speed, turn to **0** to shut system off

4. Air intake control
Slide lever to select

= recirculate inside air; use for maximum heating/cooling or to keep odors out

= fresh air

WARNING: Do not use position in cold weather; windows could fog and hamper vision

5. Rear window defogger
Press to activate/deactivate

6. Airflow selections

= air to dash

= air to dash/floor

= air to floor

= air to floor/windshield, A/C compressor is on

= defrost, air to windshield, A/C compressor is on

WARNING: When using position always set temperature control to hot or warm to prevent glass fogging

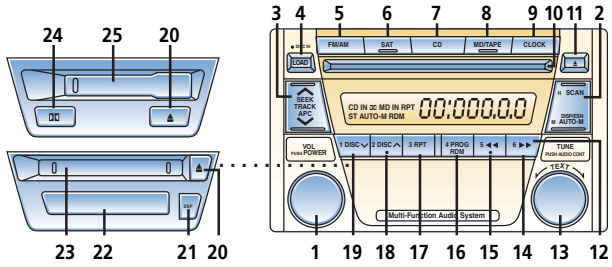
Control positions for maximum defrost
Fan to maximum, temperature to maximum hot, airflow selector knob to

Tips: When selected, air is dried by A/C compressor operation when temperature is above 39°F

To help prevent windshield fogging in humid weather, select before starting engine

To prevent moisture buildup, never drive with system off

AM/FM STEREO/CASSETTE/CD/MD



1. Power/Volume
Press on/off; rotate for volume

2. Scan/Auto-Memory
Press to briefly sample next listenable selections
Radio: Press and hold until a beep sound is heard; system automatically scans and temporarily stores six strong stations in each selected band

3. SEEK/TRACK/APC
Radio: Press ^ / v to automatically seek higher/lower frequency
CD: Press ^ / v to select next/previous track
Tape: Press ^ / v to automatically advance tape to beginning of next selection/replay selection; to stop this operation, press button again

4. LOAD*
To load multiple discs: Press and hold LOAD (**4**) until a beep sound is heard; insert CD when "In" is displayed

5. FM/AM
Press to select FM1/FM2/AM frequency bands

6. SAT**
Satellite ready capability

7. CD*
Press to play CD

8. MD*/Tape*
Press to play Mini-disc Player/cassette tape

Tip: MD player also plays MDLPs that have been recorded in MDLP mode

9. Clock
To set: With ignition in ACC or ON position, press CLOCK (**9**) and hold until beeper sounds and time flashes; press H to set hour, M (**2**) to set minutes; press CLOCK (**9**)

Tip: To select 12-hour or 24-hour display, turn Audio Control dial when time is flashing; press dial to set

10. CD slot*

11. CD eject button
To eject disc: Press Eject (**11**)
To eject specific disc: Press and hold Eject (**11**) until sound is heard; within five seconds press the desired tray number 1-6 (**12**)

12. Memory preset buttons
To set: Tune to station, press and hold until a beep sound is heard

13. Tuning/Audio Control
Tune: Rotate counterclockwise/clockwise for lower frequency/higher frequency
Audio control: Press to select ALC/BASS/MID/TREB/FADE/BAL/BEEP ON OFF (MID and ALC availability varies with model); rotate right/left to adjust selected feature

14. Fast forward ▶▶
Press to fast forward through a track

15. Reverse ◀◀
Press to reverse through a track

16. Program Random†
Press to enable/cancel random play (CD, MD), or to play other side of cassette tape

17. Repeat
Press to replay current CD/tape selection

18. Disc up ^ †
Press to skip forward to beginning of next CD

19. Disc down v †
Press to skip back to beginning of previous CD

20. Eject button*

21. DISP*

22. Mini Disc display*

23. Mini Disc slot*

24. Dolby® Noise Reduction*
Reduces tape noise and hiss; press to activate/deactivate

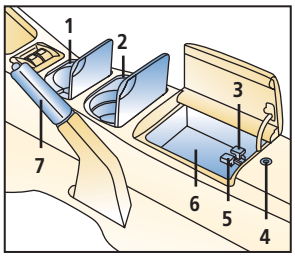
25. Cassette door*

Tip: Audio system becomes inoperable if power is interrupted or radio is stolen, a CODE is required to unlock audio unit See Owner's Manual

*Denotes optional equipment
**SAT button is standard but requires SAT subscription/additional hardware
†For use with cassette tape player, MD player, or CD changer*

Center Console

CENTER CONSOLE



Center console

1. Ashtray/Cup holder
Pull up ashtray to remove; space can be used as a cup holder

2. Cup holder

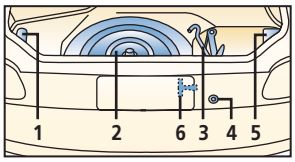
3. Remote trunk-lid release
To open trunk: Lift up on front of lever

4. Center console lock
To lock/unlock: Insert key and turn clockwise/counterclockwise

5. Remote fuel door release
To open fuel door: Lift up on front of lever

6. Center console storage

7. Parking-brake
To engage: Pull up
To release: Pull up slightly while depressing button at the front of lever; lower parking-brake lever



Trunk

1. Lug wrench/wheel lock key

2. Temporary spare tire
To change flat tire: Follow instructions in Owner's Manual

⚠ **WARNING: Do not exceed 50 mph with temporary spare**

Tip: Temporary spare tire should only be used for very short periods

3. Jack/jack handle

4. Lock
To lock/unlock: Insert key and turn counterclockwise/clockwise

5. Battery

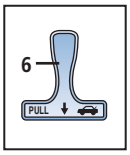
Tip: Trunk can be opened using remote keyless entry system

Tire economy and tips
Check pressure at least monthly when tires are cold
Maintain correct front-end alignment and tire balance; rotate tires at 7,500-mile intervals; see Owner's Manual for rotation chart

Tire pressure
Decal on the edge of the driver's door provides tire pressure information

Tire chains*†
Tire chains can damage aluminum wheels; use on steel wheels only

Tip: Use only SAE class "S" chains; install only on rear tires; install as tightly as possible and retighten periodically
Never exceed 30 mph with tire chains



Trunk release handle
Allows you to escape should you become locked in trunk

To open: Pull "T" handle; "T" handle will glow if it has been exposed to light

⚠ **WARNING: Always keep handle recessed; luggage may snag on handle and open trunk**

*Denotes optional equipment
†See Owner's Manual

Always check the Owner's Manual for more operating information and safety features

Trunk

CONVERTIBLE

Convertible top operation

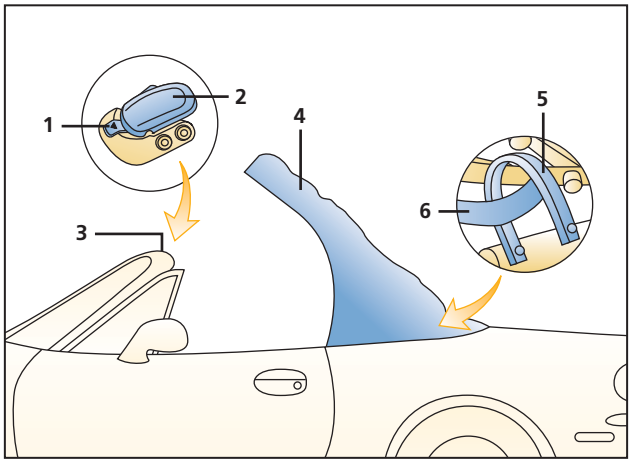
Tips: Using an automatic car wash can damage top

Storing articles inside near the rear window can cause damage to top upon lowering

Windblocker* helps reduce wind entering cabin area with top down

To lower: Park on a level surface away from traffic lanes; set parking brake; lower side windows and pull down sunvisors, remove all objects from top storage area

Press unlock button (**1**); pull top latches (**2**) until they completely disengage from windshield header (**3**); lift up on front section of top (**4**); lower top into storage area; snap top latches (**2**) into closed position



Tips: Do not store a wet or damp convertible top for long periods of time

Secure all objects inside vehicle before lowering top

To install convertible top cover: Thread tether straps (5) through anchor (6) and snap into position; attach top covering using fasteners; insert rear edges into body molding groove

To raise: Park on a level surface away from traffic lanes; set parking brake; lower side windows and pull down sunvisors

Open top latches (**2**) fully; lift top (**4**) until it rests on windshield header (**3**); fasten latches to windshield header by pushing up until click is heard

Tip: To ensure that top is securely fastened: Push up on top (4); if rattling is heard, repeat top latching process or have vehicle inspected by dealer

Detachable hardtop*

Tip: Perform hardtop installation or removal with two people

Park on a level surface away from traffic lanes; set parking brake and lower side windows; pull down sunvisors

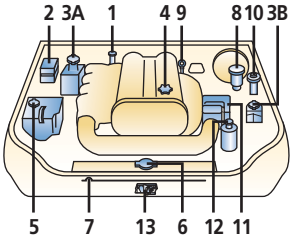
To remove: Disconnect rear window defogger coupler; lower antenna; press unlock on top and side latches to release top; slide top rearward while pressing down on the rear deck latches; lift hard top straight off the body

To install: Lower antenna; fully lower convertible top; align rear latches with rear deck studs; slide hard top forward while pressing down on the rear deck; push up top and side latches to lock; reconnect rear window defogger

*Denotes optional equipment

Under Hood

UNDER HOOD



1.8-liter 4-cylinder

Tip: Check all fluids with vehicle parked on a level surface

1. **Automatic transmission fluid dipstick***
   If checked at operating temperature, fluid should be between FULL and LOW marks on dipstick
2. **Fuse block**
3. **Windshield washer fluid reservoir**
   (A. Manual transmission)
   (B. Automatic transmission)
   Refill with windshield washer fluid
4. **Engine oil filler cap,** see Owner's Manual for recommended engine oil viscosity
5. **Engine coolant reservoir**
   Check when engine is cold; fluid level should be between the FULL and LOW marks on reservoir

   ⚠ **WARNING: Never remove coolant reserve tank cap while engine is running or hot; you could get burned**
6. **Radiator cap**
   Do not remove if engine is running or hot
7. **Hood support rod**
8. **Brake fluid reservoir**
   If brake fluid level is low, have your vehicle inspected by your nearest Mazda dealer
9. **Engine oil dipstick**
   Check with engine off and at operating temperature
   Engine oil should be between F and L marks on dipstick
10. **Clutch fluid reservoir (Manual transmission)**
    Level should be kept at the MAX mark on reservoir; fill with DOT 3 fluid from a sealed container
11. **Air filter**
12. **Power steering fluid filler cap/dipstick**
    Check with engine off and at operating temperature
    Level should be between H and L marks on the crosshatched area of dipstick
13. **Hood latch**
    Pull up to release hood

Tip: Battery is located in the trunk

Break-in period
First 600 miles: Avoid heavy braking and acceleration; drive at varying road and engine speeds

Anti-lock Brake System (ABS)*
When brake pedal is pressed, ABS automatically reduces hydraulic pressure to any wheel on the verge of locking up
You may feel a slight pulsing of the brake pedal and hear a clicking noise; this tells you the ABS is functioning properly; increase pressure on pedal for maximum braking

Tips: Maintain constant pressure on the brake pedal
Do not pump the brakes

MAZDASPEED MX-5
Replace: Engine oil/engine oil filter every 5,000 miles, or every 3,000 miles for unique driving conditions†
Spark plugs every 100,000 miles

*Denotes optional equipment
†See Owner's Manual

NORMAL SERVICE INTERVALS

7,500 miles	A
15,000 miles	A F
22,500 miles	A
30,000 miles	A B F
37,500 miles	A
45,000 miles	A E F
52,500 miles	A
60,000 miles	A B C D F
67,500 miles	A
75,000 miles	A F
82,500 miles	A
90,000 miles	A B E F

Unique driving conditions†
Every 5,000 miles change oil/filter, inspect coolant level, lights, brake/clutch fluid, tire pressure/wear, power steering fluid, locks/hinges and washer fluid

Normal maintenance notes
Rotate tires every 7,500 miles or sooner if needed

A. Change: Engine oil/replace filter
Lubricate: Locks and hinges

B. Inspect: Drive belts, fuel lines and hoses, idle speed, brake lines and hoses, steering operation and linkages, front suspension ball joints, driveshaft dust boots, chassis and body bolts
Replace: Air filter, spark plugs

C. Change: Engine coolant

D. Inspect: Engine valve clearance, hoses and tubes for emission system

E. Inspect: Exhaust system and heat shields
Replace: Engine timing belt, Inspect: Manual transmission oil, rear differential oil

F. Inspect: Disc brakes